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EXAMINER		DOCUMENT	DATE	NAME		CLASS	SUBCLAS	SS FILING	DATE
INITIAL.		NUMBER						IF APPR	OPRIATE
Him		4,534,096	8/13/1985	Garcia, Jr. ct al.					
HU		5,564,177	10/15/1996	Fernandes et al.					
HV		5,927,324	7/27/1999	Russell et al					
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known					
Application Number	10/631,191	_			
Filing Date	07/31/2003				
First Named Inventor	Foster, Joseph E.				
Art Unit	3726				
Examiner Name	n/a	_			
Attorney Docket Number	2166-206(16507)	7			

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (F known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear
HV		^{US-} 1,627,299	05/03/1927	Wilson, W.G.	
HL		^{US-} 4,474,358	10/02/1984	Bennett, Arthur M.	
HL		^{US-} 6,032,419	03/07/2000	Hurwitt, Steven D.	
		US-			•
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	FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages				
		Country Code ³ "Number ⁴ "Kind Code ⁸ (If known)	MM-DD-YYYY		Or Relevant Figures Appear	T°			
ML		GB-2109900	06/08/1983	Bennett, Arthur		1			
Ti_		GB-884529	12/13/1961	Allen, Derek A.		V			
T_{-}		FR-1529341	06/14/1968	Brown, Boveri					
		FR-2165250	08/03/1973	Joly, Francois					
J.		EP-0590525	04/06/1994	Reeves, Kim C.		1			
HL									

	Examiner Signature	Huyen Le	Date Considered 03-21- 05	
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Sheet	2	of	2	Attorney Docket Number	2166-206(16507)

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²		
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